CONSTRUCTION PERMIT APPLICATION

DUNN COUNTY AGRICULTURAL PERFORMANCE STANDARDS AND MANURE STORAGE AND MANAGEMENT ORDINANCE – CHAPTER 10

Revised 08-18-2021

Landowner Name: _____ Dunn Co. Construction Permit #: _____
Parcel Number(s): _____

Requirements Completed (Identify location within plan documents or put N/A)

Existing Facility Summary
_____ Current number and kinds of animals: _____
Total Animal Units: _____

Proposed Manure Storage Facility Plan Revision Date: _____

Proposed Facility Capacity Summary
_____ Proposed number and kinds of animals: _____
Proposed Total Animal Units: _____
_____ Calculated quantity of all manure, parlor, cleanup, milk house waste generated: _____(units/day)
_____ Total calculated available storage: _____days or _____months
_____ The type and amount of bedding material: _____
_____ Handling & recovery of bedding material: _____

General Location Map of the Site (Scale of not greater than 1 inch = 1,000 feet) Date: ____/____/_____
_____The proposed project site, property landowner boundaries and date general location map was prepared.
_____Location of all buildings, roads, wells, karst features within 1,000 feet of the facility. Number of wells: _____
_____Location of streams, rivers, lakes, wetlands, drainage ditches, floodplains or water bodies within 1,000 feet of the facility

Onsite Soils Investigation Date: ___/____/_____
_____ Engineering consultant conducting investigation: _____
_____ LWCD and Agency staff verifying investigation: _____ (LWCD); _____ (Agency)
_____Soil test pits/boring locations, elevations and profile descriptions: Number of pits/borings: _____
_____Elevations of groundwater, bedrock or seasonally saturated conditions, if encountered in the soil profile.

Soils Analysis Date: ___/____/_____
_____Soils analysis documentation included with plan

Structure Separation to Environmental Limitations:
_____The least vertical separation of the bottom of the manure storage facility from saturation
Feet of Separation: _____
_____The least vertical separation of the bottom of the manure storage facility from the bedrock
Feet of Separation: _____
_____ Distance to nearest navigable or intermittent stream _____FT. Wetland or water body _____FT.

Plan View Construction Drawings (north arrow and scale of not greater than 1 inch equals 100 feet) Date: __/__/____
_____Benchmarks (recoverable) locations shown
_____Benchmark description and elevation (feet & hundredths) noted on plan
_____Topographical detail (min. 2 foot contours)
_____Location and dimensions of the practice(s) to be installed
_____Agitation and pump-out locations

_____Soil boring and water well locations
_____Access routes
_____Detail showing adequate drainage and control of runoff to prevent pollution of surface water and groundwater.
_____Secondary containment type and location for manure management during failure or spills

Structural Details
This includes adequate details to ensure that the project can be properly constructed and permits secured.
These are to include but not limited to:
_____Cross sections and profiles with elevation and dimensions
_____Specific design components that shall comply with NRCS Tech Standard 313 Waste Storage Facility, and additional NRCS Tech Standards, such as 634 Waste Transfer.
_____ Location of Maximum Operating Level (MOL)
_____Concrete thickness, concrete joint design and placement
_____A listing of design methods, design loading, reinforcement schedules, and material specifications
_____Thickness and placement of groundwater protection liners
_____Description and drawing details of transferring the animal wastes to and from the facility

Other Documents
_____ Quality Assurance Plan: Including who is responsible for completing project testing and the inspections
_____ Estimated start of construction & construction schedule: _____
_____ Safety Plan: identify hazards to animals and people in production area, and design standards to minimize hazards.
_____ Operation & Maintenance Plan: for installed practices. Include agreement and landowner signature
_____ Signed by: _____ Date: ___/___/_____
_____ Emergency Response Plan: identify the names and phone numbers of individuals to be notified in the event of leaks, spills or other system failures that could discharge manure.
_____ Engineering approved: Plans and designs must be certified and approved by a licensed Engineer
_____ Engineer's name: _____ Business name: _____

Nutrient Management Plan: Development Date: ___/____/_____ Revision Date: ___/____/_____
_____ Complies with NRCS 590 Standard, includes landowner and qualified plan writer signatures.
_____ Copies of lease, manure spreading agreements, or written proof of land availability.
Developed by: _____ Reviewed by: _____
Planner Name & Company Dunn County Land & Water Conservation Division

DNR "Notice of Intent" Erosion Control and Stormwater Runoff Control Permit has been
Applied for ___/____/_____ Received ___/____/_____

Dunn County Zoning
_____Dunn County Shoreland Zoning Ordinance applicable (yes/no)
_____Livestock Siting Ordinance applicable (yes/no)
_____Dunn County Floodplain Ordinance applicable (yes/no)

Reviewed by: _____ Date: ___/____/_____
Dunn County Zoning Representative

_____ _____ Date: ___/____/_____
Landowner Name Landowner Signature

_____ Construction Permit Issued _____ Date: ___/___/_____
Dunn County Land and Water Conservation Division

Appendix A: Manure Storage Construction Permit

Please complete and return with project drawings and details to Robert Kaner, Dunn County ENS-Land and Water Conservation Division, 3001 US HWY 12 E, Room 240A, Menomonie, WI 54751